

[News story: Millions of pounds for innovative businesses: new opportunities](#)

A worker at a Chemoxy manufacturing site.

Innovate UK has millions of pounds to invest in innovative UK businesses up to April 2018.

The funding will be awarded through competitions in a range of areas, which will open for applications in the coming months.

Businesses can also apply into an open funding competition with ideas for any game-changing or disruptive innovations.

Opportunities for funding

Emerging and enabling technologies and health and life sciences

Up to £19 million will be invested to support productivity and cutting-edge innovation across these 2 industry sectors.

In the area of health and life sciences, we will seek projects that show significant innovation in one of the following:

- increasing agricultural productivity
- improving food quality and sustainability
- advanced therapies, such as cell and gene therapies
- precision medicine
- medicines discovery
- advanced biosciences

For emerging and enabling technologies, projects should focus on an Innovate UK priority area:

- emerging technologies
- digital
- enabling capabilities
- space applications

Open programme

A share of up to £19 million will be available for game-changing or disruptive innovations that have the potential to impact the UK economy.

Projects may come from an Innovate UK industry sector – [emerging and enabling technologies](#), [health and life sciences](#), [infrastructure systems](#) and [manufacturing and materials](#) – or be outside of them.

Biomedical catalyst

This is the first biomedical catalyst competition of 2018, which will offer up to £12 million to SMEs working on projects that solve healthcare challenges. These could include:

- disease prevention and proactive management of health and chronic conditions
- earlier and better detection and diagnosis of disease, leading to better patient outcomes
- tailored treatments that either change the underlying disease or offer potential cures

Industrial Strategy Challenge Fund: Faraday Battery Challenge

The Faraday Battery Challenge supports the design, development and manufacture of batteries for the electrification of vehicles as part of the Industrial Strategy Challenge Fund.

In this second round of innovation funding up to £25 million will be invested in projects that stimulate new automotive battery technologies and build the supply chain in the UK.

Industrial Strategy Challenge Fund: digital health technology catalyst

Up to £10 million will be available under the digital health technology catalyst, which is part of the Industrial Strategy Challenge Fund.

We will seek projects that support the development of digital health products or digitally-enabled medical technologies, which:

- improve patient outcomes
- transform healthcare delivery
- enable more efficient delivery of healthcare

Industrial Strategy Challenge Fund: robotics

Up to £20 million will be available in this competition. It is being funded as part of the Industrial Strategy Challenge Fund for robotics and artificial intelligence in extreme environments.

This challenge aims to take people out of extreme work environments such as deep mining, nuclear, space and offshore energy.

Industrial Strategy Challenge Fund: medicines manufacturing

Innovate UK is investing up to £10 million in innovation projects in medicines manufacturing through the Industrial Strategy Challenge Fund.

We will be seeking collaborative research and development projects that focus on the technical or commercial challenges of manufacturing new medicines.

Find funding opportunities

New opportunities will be published on the Innovation Funding Service as and when they are available. [Search for funding.](#)

[Press release: Thousands benefit from A14 community fund](#)

Some 16 local projects have been funded by the A14 Community Fund since it launched in July 2016. The initiative was launched by Highways England to fund projects connecting local communities with the A14 upgrade, and it has already been making a difference within the communities living along the road in Cambridgeshire.

The £400,000 funding pot was launched in July 2016 and £110,000 of it has already been allocated to projects ranging from education and environment, to encouraging cycling and walking.

Gerard Smith, legacy lead for the A14 Cambridge to Huntingdon project at Highways England, said:

This different approach to community engagement is a first for Highways England.

We care about the impact our road improvement projects have on people's lives and at the same time, we understand the critically important role that communities play in shaping our schemes as well as the economic, social and physical landscape around them.

An initiative like the A14 Community Fund makes it possible for us to support community-led projects that will leave a positive legacy for the local area long after we have finished our construction work and the new road is open to traffic. And I'm delighted to say it's been very successful in supporting great projects so far.

Grants of up to a maximum value of £10,000 are available to people living along the A14 in Cambridgeshire in a series of quarterly grant rounds until the end of the project in December 2020 or when all the money has been allocated – whichever comes soonest.

There have been five rounds so far, with more opportunities coming up to bid for grants to support projects across a wide range of areas including the environment, health and well-being, heritage, arts, skills, and culture.

As examples, projects could:

- focus on the new leisure opportunities opened up by the scheme
- chronicle changes to the local area over time
- complement the environmental measures being put in place
- revisit how public spaces are used

Gerard added:

We realise it can be daunting for small organisations to write a grant application for the first time. Initially, we noticed people found it hard to demonstrate how their project linked to the A14 road improvement project. We have now put in place a two-stage process which encourages applicants to talk to our team so we can help them frame their project to give it the best chances.

Most of the best projects we've seen are the ones where the bidders have worked closely with our team at design stage to understand the wider impacts.

We've had some great bids so far and I am sure there are more to come. What we'd really like to see are bids that build on the positive legacy we are leaving with the road improvement scheme: a much improved network of cycling and walking routes that communities can link into or capitalising on improved access to areas which didn't have it before for instance.

I look forward to seeing the bids we get for this and future rounds!

Case study 1: University of Cambridge Institute of Continuing Education A14 Writer in Residence

The University of Cambridge Institute of Continuing Education (ICE), successfully bid for funding last year for a post of A14 Writer in Residence based at Madingley Hall, a stone's throw from the A14 in Cambridgeshire.

The post was taken up by Daisy Johnson, a librarian, children's writer and blogger from York, from 6 September. Since then, Daisy has been encouraging people living and travelling along the A14 in Cambridgeshire to reflect on roads and the nature of travel via a series of free creative writing initiatives including face to face courses, pop up sessions, visits to schools and a Facebook page where she has been offering regular writing prompts to followers.

The hope is for local people from all walks of life to re-discover their love of stories, and the ultimate outcome will be for all involved to contribute to an anthology to be launched at a free event held at Madingley Hall this March.

Midge Gillies, Academic Director, Creative Writing, University of Cambridge

Institute of Continuing Education, said:

Our A14 Writer in Residence, Daisy Johnson, has done a wonderful job of taking ideas about travel to many corners of the community. She has been particularly successful at engaging youngsters who see travel in a completely different way – you're stuck in a traffic jam? Luckily, you're wearing your edible outfit that will stop you from becoming peckish. Or wait till it's dark to see the dragon races along the A14.

Daisy has also been active on Facebook where the A14 Stories site has persuaded people to think about their local community and to write something creative – often for the first time or after a very long gap.

And we've been thrilled by the response from the diverse group of students (and one lovely hearing dog) who have turned up to our three, free creative writing courses.

Roads take us to school, on holiday, to hospital, to a wedding or a funeral. We've all got a story about a special journey. I look forward to seeing which stories make it into the A14 writing anthology!

Case study 2: Cambridge Science Centre, On the Road school workshops

The Cambridge Science Centre successfully bid early last year for funding to create a new cross-disciplinary workshop for schools, aimed at years 6 to 10 (10 to 15 year olds), that ties in the environmental theme of their 'LifeWorks!' exhibition with engineering, using the A14 as a case study.

The team developed a workshop called 'On the Road', which investigates the materials used in road construction and looks at the environmental considerations to take into account in road building.

To date, the workshop has been delivered to more than 700 students living near the A14 (and some further afield), mainly in secondary schools (key stage 3) but also in a number of primary schools.

The workshops were tailored to the local environment and needs of the schools, with some interested in bridge construction while others looked at general construction skills, engineering or environmental science.

Helen Slaski, CEO of the Cambridge Science Centre, said:

"This funding has enabled Cambridge Science Centre to develop an exciting, hands-on workshop entitled 'On the Road' for the A14 project. Nearly 1,000 students throughout the East of England, particularly in areas impacted by the construction, have benefitted from this outreach programme which fulfils Cambridge Science Centre's objectives of enhancing education and inspiring

young people to think about STEM that is all around them in their daily lives. Thank you for the funding, it has made a real difference and inspired youngsters to get involved with STEM related activities.”

More than £110,000 out of the £400,000 fund has been allocated and 16 local projects have been granted funding under the A14 Community Fund.

More funding rounds are planned between now and when the project completes, with applications accepted until the fund runs out.

More than 2,000 people are estimated to benefit at some point from the approved projects Other examples of funded projects include:

- The Countryside Restoration Trust: received £9,005 to support water voles in the area of the A14 improvements
- Great Paxton Community Village Shop Ltd: received £9,965 to provide a convenience shop for the local community including volunteering and work experience opportunities
- The Offords Recreation Hut (Offord Village Hall): received £2,160 to provide a secure bicycle parking facility for village hall users
- Histon & Impington Community Orchard Project: received £1,752 to complete and help maintain the orchard by providing a motorised brush cutter & hedge trimmer and an information sign
- Groundwork East: received £10,000 to improve confidence and employability of people furthest from employment by growing wildflower plugs for use on the borrow pit nature reserves created by the A14
- Alconbury C of E Primary School: received £5,000 for an artist to work with the whole community to update 5 murals in the school hall
- Great Paxton Parish Council: received £3,000 to conduct a feasibility study into options to provide a safe alternative to the hazardous B1043 for cyclists

For more information about the A14 Community Fund, which is administered by the Cambridgeshire Community Foundation, and to apply, visit the [Cambridgeshire Community Foundation website](#).

Highways England is upgrading a 21-mile stretch of the A14 between Cambridge and Huntingdon to three lanes in each direction including a brand new 17-mile bypass south of Huntingdon, with four lanes in each direction between Bar Hill and Girton. The project will add additional capacity, boost the local and national economy and cut up to 20 minutes off journeys.

The 2,200 strong construction team is keeping to the project’s challenging timetable, with the improvements on track to open to traffic by the end of 2020.

You can see a new fly-through simulation of the A14 Cambridge to Huntingdon improvement scheme below.

[A14 Cambridge to Huntingdon improvement scheme fly-through](#)

For the latest information about the A14 Cambridge to Huntingdon improvement scheme, including job and training opportunities, visit

www.highways.gov.uk/A14C2H follow @A14C2H on Twitter and [like our Facebook page](#)

To book the A14 Cambridge to Huntingdon mobile visitor centre to attend a public event for free, call 0800 270 0114 or email A14CambridgeHuntingdon@highwaysengland.co.uk.

Tell the A14 communications team what you think, [complete the annual communications survey](#).

General enquiries

Members of the public should contact the Highways England customer contact centre on 0300 123 5000.

Media enquiries

Journalists should contact the Highways England press office on 0844 693 1448 and use the menu to speak to the most appropriate press officer.

Press release: Britain honours its Holocaust heroes

At an event at the Foreign Office hosted with the Israeli embassy, the Foreign Secretary Boris Johnson, Communities Secretary Sajid Javid, Archbishop of Canterbury Justin Welby, Chief Rabbi Ephraim Mirvis and Israeli Ambassador Mark Regev, will gather to honour heroic men and women with the British Hero of the Holocaust Medal.

The award, whose previous recipients include Sir Nicholas Winton, recognises those Britons who undertook extraordinary acts of courage and self-sacrifice, in order to help Jewish people and others.

Foreign Secretary Boris Johnson said:

The moral conviction and bravery of the British Heroes of the Holocaust should fill us with pride.

These exceptional individuals saved hundreds of lives and went above and beyond the call of duty in the most difficult circumstances to do the right thing.

As a government we are committed to ensuring that society learns the lessons of the Holocaust so that bigotry and prejudice are given no place to take root.

Communities Secretary Sajid Javid said:

Nazi oppression was defeated not only through military force but also through quiet acts of courage and compassion.

These eight individuals are true British heroes and a source of national pride for us all, fully deserving of our lasting respect and lifelong gratitude. Their willingness to stand up to hate with often little regard to their own personal safety is an inspiration to us all.

Award Recipients

The eight recipients of the award are:

1. British Diplomats John Carvell and Sir Thomas Preston who issued almost 1500 Jews with certificates to enable them to escape to Palestine. Margaret Reid who worked in the Passport Control Office of the Berlin Embassy and issued visas that allowed thousands of Jews to emigrate. She often bent the rules for issuing visas, a practice that was deliberately overlooked by the British Consul-General Sir George Ogilvie-Forbes, another recipient of the award;
2. Academic Doreen Warriner and Trevor Chadwick who worked closely with the 'British Schindler' Sir Nicholas Winton in Prague to organise the evacuation of hundreds of Jewish children from the then Czechoslovakia to Britain.
3. Dorothea Weber (née LeBrocq) who sheltered her Jewish friend Hedwig Bercu during the German occupation of the Channel Islands at great personal risk. She was aided by a German soldier, Kurt Ruelle, whom she married after the war and;
4. Otto Schiff who helped to create the Jewish Refugees Committee which arranged to bring Jews out of Germany and Austria to Britain during the war, as well as supporting them financially once here.

This Government is determined that the genocide of six million Jews will never be forgotten. That is why it will be building a spectacular and poignant Holocaust Memorial and Learning Centre, right next to Parliament, reminding all of us of the depths to which humanity can sink, and the importance of robustly opposing all forms of bigotry. Holocaust Memorial Day 2018 will take place on Saturday 27 January with thousands of activities and events taking place across the country at community centres, schools, libraries, museums, arts venues, prisons and places of worship.

Further information

[News story: Young people with great business ideas: apply for support](#)

Young entrepreneur, Ben Towers at the ideas mean business launch in December 2017.

[The Prince's Trust](#) and Innovate UK are seeking young people between 18 and 30 with business ideas that could be turned into reality.

Ideas can come from anywhere

The competition – part of the [ideas mean business campaign](#) – will help young adults to make their ideas a success, no matter where they come from.

Business ideas could be spotting a solution to a problem or a different way of doing things.

They could involve:

- changing something for the better in a local community
- a new way of using technology to fix an everyday problem
- a new way to tackle an environmental issue

[ideas mean business](#)

What support is on offer?

Support is available to young innovators who can commit 15 hours a week to developing their idea.

This award could include:

- an allowance to cover time spent working on the idea
- coaching and mentoring from an innovation champion
- a funding pot for activities or resources, such as travelling to meet customers and partners, training courses, equipment, office space and IT

Who can apply?

To be eligible applicants must:

- be a UK resident with the right to work in the UK, or applying for the right to do so

- be unemployed or working less than 16 hours a week
- not be studying or studying less than 14 hours a week
- be aged between 18 and 30

How to register

Applicants will need to register with The Prince's Trust, where they will then be able to sign up to attend one of a series of regional events. These events will help young people to develop their ideas and give more information about the application process.

You must attend an event in order to apply. We will be able to reimburse costs. If you are not able to attend but still want to apply contact younginnovators@ktn-uk.org to discuss.

There will be 2 phases of events: The first events are:

- Cardiff, Wales, 5 February
- Ipswich, East Anglia, 5 February
- Birmingham, West Midlands, 6 February
- Brighton, South East, 7 February
- Plymouth, South West, 8 February

If you attend one of these events you will need to submit your application by 1 March 2018.

The second phase events will be:

- Newcastle, North East, 26 February
- Belfast, Northern Ireland, 26 February
- York, Yorkshire and the Humber, 27 February
- Manchester, North West, 1 March
- Glasgow, Scotland, 2 March
- Nottingham, East Midlands, 2 March

Delegates to these events must apply by 22 March 2018.

About the campaign

Last year, [YouGov](#) research – commissioned by The Prince's Trust and Innovate UK – found that 82% of young people from disadvantaged backgrounds found the business sector difficult to access. 4 in 5 would not know where to get advice about setting up a business.

However, more than half said they would like to run their own company and 39% had ideas for products and services they could sell.

Ideas mean business launched to address these issues and support and empower young people into innovation. It is part of Innovate UK's diversity and inclusion commitment.

[Press release: Football backs Tull 100 to remember one of Britain's best](#)

One hundred years after his death, the achievements of Walter Tull, the first man of black heritage to become an officer and lead men into battle in the British Army and one of this country's first black professional footballers will be commemorated through a series of community engagement projects, backed by the governing bodies of football in England.

Born in Kent to a Barbadian father and local British mother, Tull was orphaned at the age of 8 and spent his formative years in east London children's home. After making his mark as a talented local football player, he went on to become one of Britain's first professional players from a black heritage, playing first for Clapton FC before being signed by Tottenham Hotspur and later transferring to Northampton Town in the then Southern League.

Abandoning his career and enlisting in the 'Football Battalion', Walter Tull rose through the army ranks to become an officer despite the explicit restrictions to promotion at the time. After serving on the Western Front, then in Italy, Walter Tull was killed in action at the second battle of the Somme in March 1918.

Communities Minister Lord Bourne said:

Walter Tull is a true British hero, who went to great lengths to overcome the barriers of class and colour to fight for his country. Tull 100 is an excellent opportunity for all of us to learn more about his courageous actions in the First World War and his extraordinary football career.

This ambitious project will also hold a mirror to our times; allowing young people to see how far we have come and ensure progress continues in creating a society where everyone, regardless of background, can reach their full potential.

The Tull 100 project launches on the centenary of his death, 25 March 2018, and will work through football clubs, youth groups, schools and community networks across the country to undertake innovative projects. Small-scale funding will be available to support activity.

Tull 100 has "No Barriers" as its central message – developed with a Football Association Youth Advisory Group – and will work to counter discrimination by promoting equality and inclusion, regardless of race, gender, sexuality, and age. Commemorative medals will be awarded to those who make their communities

more inclusive.

Premier League

The Tull 100 project will be part of the [Premier League Christmas Truce tournament](#). The flagship international tournament for under 12s takes place each year at Ypres, Belgium, on an artificial pitch created and funded by the Premier League, and involves the young players taking part in a series of educational visits and tours of the area as well as playing academy sides from across Europe.

Two of the 6 teams qualify through an education challenge, 4 through qualifying football tournaments played across England on Remembrance weekend. Last year the Academies took part in another Big Ideas project, Passchendaele at Home. In 2018, the education challenge will be the Tull 100 project.

Thousands of schools will also be encouraged to take part in the Tull 100 project through Premier League Clubs' community schemes and the ground-breaking [Primary Stars programme](#).

Richard Scudamore, Premier League Executive Chairman said:

Walter Tull was an inspirational figure and his achievements are rightly recognised in football and beyond.

As Britain's first Army officer of black heritage, and an outstanding footballer, it is important that his story continues to be told and his life commemorated at this important time.

The Premier League's support for this programme complements the range of Centenary activity clubs will this year deliver in schools and Academies, including honouring the lives of former players who served their country during the First World War.

The EFL will work closely with the Tull 100 project supporting its nationwide network of clubs and community trusts to take an active role in ensuring there are "No Barriers" to inclusion and diversity in modern-day football. In addition Northampton Town will be taking a leading role in local commemorations for their celebrated player.

English Football League Chief Executive, Shaun Harvey said:

Walter Tull was an extraordinary individual and his story is deeply rooted in the heritage of the EFL through his career at Northampton Town, with the Walter Tull memorial proudly positioned at Sixfields stadium.

It is important that his life continues to be recognised and the EFL therefore is proud to commemorate his achievements at this landmark time, coming one hundred years after he lost his life

during the second battle of the Somme.

Representatives of the FA Leadership Academy and Youth Council network will be invited to participate in the Tull100 project as part of their Youth Leadership pathway this year. Youth leaders will participate in themed events and will engage with grassroots community projects across the country before their graduation in August.

Football Association Chief Executive Martin Glenn said:

Walter Tull is known as a talented footballer, an inspirational leader and a great model for values such as equality, service, collaboration and citizenship.

It's an honour for The FA and our FA Youth Council to be involved in this project and we're keen to share the story of his life and the commitments he made for the benefit of others. We will use our involvement in this project as a catalyst for our youth leadership programme, mobilising more young people to create positive change across their communities through their love of football.

Big Ideas CEO Virginia Crompton said:

The centenary of Walter Tull, a man of dual heritage, offers a unique opportunity to promote inclusion and to celebrate an icon of British history. The Tull 100 project will work with the football sector alongside schools and youth groups. It's a call to action and a challenge: how will you make a difference to honour the memory of Walter Tull?

To commemorate the centenary of Walter Tull's death, the Ministry of Housing, Communities and Local Government are funding [Big Ideas](#) to lead nationwide community engagement projects in 2018.

Register interest and request a unique Tull100 poster by emailing Tull100@bigideascompany.org

Follow the project through the hashtags: #Tull100 #FootballRemembers #NoBarriers

Medals for Tull is part of a wider programme of community engagement projects marking the centenary of the First World War, including a continuation of The Unremembered (which marks the contributions of the Labour Corps), as well as new projects including Ringing Remembers (honouring the many bell-ringers who died in the war). Find out more at www.big-ideas.org.

Big Ideas creates programmes that encourage community participation, inclusion and cohesion across the arts, heritage, science and sport. They

specialise in projects which bring groups together and create new experiences and relationships on a local, national and international scale.

Historical background

Walter Tull's beginnings were humble – born in Folkestone in 1888, his mother was a local woman from a farming family, his father a carpenter recently arrived from Barbados. Both his parents had passed away by the time Tull was 8 years old.

He was then raised in a London children's home in Bethnal Green, East London and soon made his mark as a footballer, first as a member of his orphanage football team and from 1908, while working as an apprentice printer, for amateur side Clapton F.C. He was then signed by Tottenham Hotspur the following year and in 1911 transferred to Northampton Town in the Southern League for whom he played 111 games.

Attitudes to race in Britain during his lifetime were openly discriminatory. As a professional footballer Tull was in the public eye and there are accounts of racist chanting directed at Tull from crowds.

Walter Tull enlisted in the 17th (Service) Battalion, Middlesex Regiment – known as the 'Football Battalion', as professional footballers were at its core – in the autumn of 1914. In May 1916, the then Sergeant Tull suffered shell shock and spent time recuperating in hospital. Following his recovery he returned to the Western Front and saw action at the Battle of the Somme and at Passchendaele.

The Manual of Military Law at the time stated that only men of 'pure European descent' could be commissioned as officers in the British Army. Despite this, Tull's obvious leadership qualities were recognised and in 1917, he was trained and then commissioned as a Second Lieutenant, even though army regulations should have prohibited his promotion. That year he became the first man of black heritage to be commissioned as an officer leading men into battle in the British Army.

In December 2017 fighting on the Italian front he successfully led the 26 men under his command on 2 missions at the Battle of Piave and was mentioned in dispatches for his "gallantry and coolness". On 17 April 1918, Lieutenant Pickard wrote to Tull's Brother informing him that Walter had been recommended for the Military Cross, although he was never awarded the medal.

In 1918, 2nd Lieutenant Tull was transferred to the Western Front in France to help break through the German lines. On 25 March, 1918, during the second battle of the Somme he was ordered to lead his men on an attack on the German trenches at Favreuil. On entering 'no-mans land', he was soon struck by a bullet and died.

He was 29 years old, unmarried and without children. His body was never found. His closest relative, elder brother Edward Tull was notified of his death as next-of-kin and today Walter Tull's memory is preserved by Edward's descendants.